

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

1. **Read Instructions** - All the safety and operating instructions should be read before the appliance is operated.
2. **Retain Instructions** - The safety and operating instructions should be retained for future reference.
3. **Read Warnings** - All warnings on the appliance and in the operating instructions should be adhered to.
4. **Follow Instructions** - All operating and use instructions should be followed.
5. **Water and Moisture** - The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement or near a swimming pool, etc.
6. **Cords and Stands** - The appliance should be used only with a cord and stand that is recommended by the manufacturer.

6A. An appliance and cord combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cord combination to overturn.



7. **Wall or Ceiling Mounting** - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
8. **Ventilation** - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

9. **Heat** - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

10. **Power Sources** - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
11. **Power-Cord Protection** - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance.
12. **Cleaning** - The appliance should be cleaned only as recommended by the manufacturer.
13. **Power Lines** - An outdoor antenna should be located away from power lines.
14. **Unplug Periods** - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
15. **Object and Liquid Entry** - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
16. **Service Requirements** - The appliance should be serviced by qualified service personnel when:
 - A. The power supply cord or the plug has been damaged; or
 - B. Objects have fallen, or liquid has spilled into the appliance; or
 - C. The appliance has been exposed to rain; or
 - D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
 - E. The appliance has been dropped, or the enclosure damaged.
17. **Servicing** - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

... Warranty Registration card today to
... receive all the benefits you're entitled to


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of these important benefits.



Know these
safety symbols



 This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

 The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

For Customer Use

Enter below the Serial No. which is located on the rear of the cabinet. Retain this information for future reference.

Model No. _____

Serial No. _____

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, and fully insert.

MAC507

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Canada

English: This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

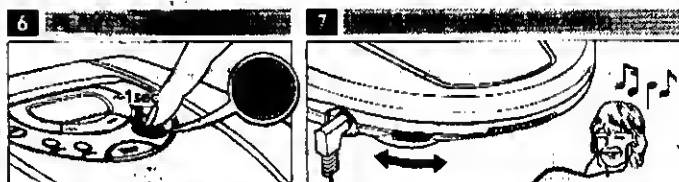
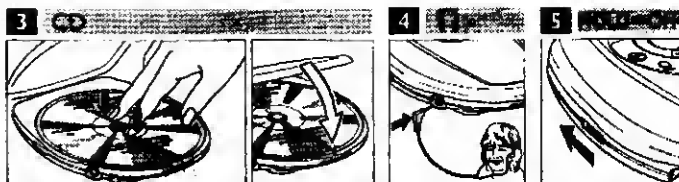
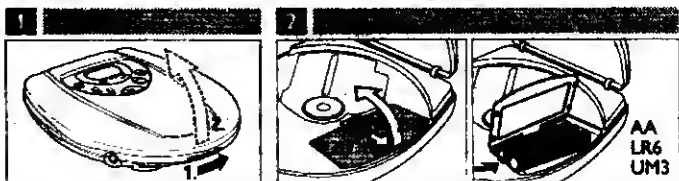
Français: Cet appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe B prescrites dans le Règlement sur le Brouillage Radioélectrique édicté par le Ministère des Communications du Canada.

- 1 **POWER** switches the player on, starts and interrupts CD play
- 2 **STOP** stops CD play, erases a program, activates charging and switches the player off
- 3 **SKIP** skips and searches forward
- 4 **DISPLAY** display
- 5 **REVERSE** skips and searches backward
- 6 **DBB** **DYNAMIC BASS BOOST** switches the bass enhancement on/off
- 7 **MODE** selects the different playing possibilities: **SHUFFLE**, **SHUFFLE REPEAT ALL**, **REPEAT**, **REPEAT ALL** and **SCAN**
- 8 **RESUME** stores the last position played
HOLD locks all buttons
OFF switches RESUME and HOLD off
- 9 **PROG** programs tracks and reviews the program
- 10 **3.5mm** 3.5mm headphone and remote control socket
- 11 **VOL** adjusts the volume
- 12 **4.5V DC** socket for external power supply
- 13 **TYPEPLATE** typeplate
- 14 **OPEN** opens the CD lid
- 15 **ESP** **ELECTRONIC SKIP PROTECTION** ensures continuous playback regardless of vibrations and shocks

CAUTION

Use of accessories or adjustments or performance of procedures other than those may result in hazardous radiation exposure.

QUICK START



POWER SUPPLY

Power adapter (included or optionally available)

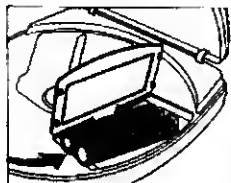
With this player you can use either:

- alkaline batteries (type **LR6**, **UM3** or **AA**), or
- the rechargeable Ni-Cd battery pack AY 3361. Make sure you purchase this special battery pack, as any other pack cannot be recharged.

Inserting batteries


- Push **OPEN** ► to open the CD lid.
- Open the battery compartment and insert either
2 alkaline batteries or the rechargeable battery pack.

Notes: – Old and new or different types of batteries should not be used in combination.
– Remove batteries if they are empty or if the player will not be used for a long time.



Batteries contain chemical substances, so they should be disposed of properly.

Indication of empty batteries

- Replace the batteries or connect the power adapter as soon as  is flashing and **bAtE** is displayed.



Note: – The average playing time under normal conditions is 12 hours for alkaline batteries and 4 hours for the rechargeable battery pack.

The player complies with the FCC-Rules, Part 15 and with 21 CFR 1040.10.

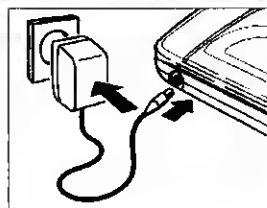
Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

POWER SUPPLY

Power adapter (included or optionally available)




Only use the AY 3170 power adapter (4.5V/300mA direct current, positive pole to the center pin). Any other product may damage the player.



- Make sure the local voltage corresponds to the adapter's voltage.
- Connect the power adapter to the 4.5V DC socket of the player and to the wall outlet.

Note: Always disconnect the adapter when you are not using it.

Recharging the battery pack

- Make sure you insert the rechargeable Ni-Cd battery pack AY 3361.
- Connect the power adapter to the 4.5V DC socket of the player and to the wall outlet.
- If necessary press  once or twice until the player is switched off.
→  is flashing. **ChRG** is displayed.
- Recharging stops when you switch on the player or when 8 hours have passed by.
- When the battery pack is recharged fully,  is shown and **FULL** is displayed.



Notes: It is normal for the battery pack to become warm during recharging.

HEADPHONES

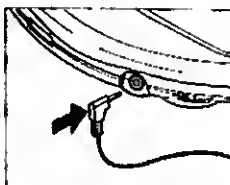
- Recharging already charged or half-charged batteries will shorten their lifetime. Therefore, after using the battery pack a few times, discharge it completely before recharging.
- To avoid a short circuit, the battery pack should not touch any metal objects.
- When the battery pack quickly becomes empty after recharging, the end of its lifetime has been reached.

Headphones

Connecting the headphones

- Connect the supplied headphones to Ω .

Note: Ω can also be used for connecting your HiFi system (signal lead) or your car radio (adapter cassette or signal lead). In both cases, the volume of the CD player must be set to position 8.



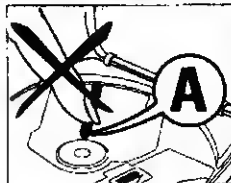
Use your head when using headphones

- **Hearing safety:** Do not play your headset at a high volume. Hearing experts advise against continuous extended play. If you experience a ringing in your ears, reduce the volume or discontinue use.
- **Traffic safety:** Do not use while operating a motorized vehicle. It may create a traffic hazard and it's illegal in many areas. You should use extreme caution or temporarily discontinue use in potentially hazardous situations. Even if your headset is an open-air type designed to let you hear outside sounds, don't turn up the volume so high that you can't hear what's around you.

GENERAL INFORMATION

CD player and CD handling

- Do not touch the lens (A) of the CD player.
- Do not expose the player, batteries or CDs to humidity, rain, sand or excessive heat (caused by heating equipment or direct sunlight).
- You can clean the CD player with a soft, slightly dampened lint-free cloth. Do not use any cleaning agents as they may have a corrosive effect.
- To clean the CD, wipe it in a straight line from the center toward the edge using a soft, lint-free cloth. A cleaning agent may damage the disc! Never write on a CD or attach a sticker to it.
- The lens may cloud over when the player is moved suddenly from cold to warm surroundings. Playing a CD is not possible then. Leave the CD player in a warm environment until the moisture evaporates.
- Active mobile phones in the vicinity of the CD player may cause malfunctions.
- Avoid dropping the player as this may cause damage.

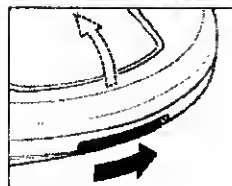


Environmental information

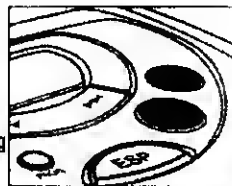
- All redundant packing material has been omitted. We have done our utmost to make the packaging easily separable into three mono materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).
- Your player consists of materials which can be recycled if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packing materials, exhausted batteries and old equipment.

This CD player can play all kinds of **Audio Discs** such as CD Recordables and CD Rewritables. Do not try to play a CD ROM, CDI, CDV or computer CD.

- 1 Push the OPEN ► slider.
→ The lid opens.



- 2 Insert an audio CD, printed side up, by pressing gently on the CD center so that it fits onto the hub. Close the lid by pressing it down on the left side.



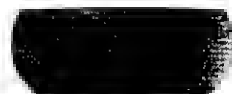
- 3 Press ► for approximately 1 second to switch the player on and start playback.
→ The current track number and the elapsed playing time are displayed.

- You can interrupt playback by pressing ►.
- The time where playback was interrupted is flashing.



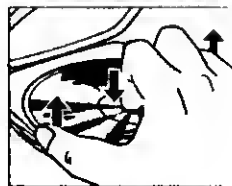
- Continue playback by pressing ► again.

- 4 Press ■ to stop playback.
→ The total number of tracks and the total playing time of the CD are displayed.



- 5 Press ■ again to switch off the player.

- 6 To remove the CD, hold it by its edge and press the hub gently while lifting the CD.

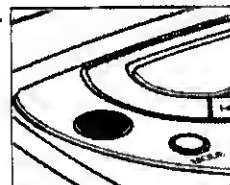
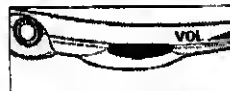


Playback Information

- If a CD Rewritable (CD Recordable) is not recorded properly, **RF d 15C** is displayed. In that case, use **FINALIZE** on your CD recorder to complete the recording.
- If you play a CD Rewritable, it takes 5-25 seconds after pressing ► until sound reproduction starts.
- Playback will stop if you open the CD lid.
- While the CD is read, **d 15C** is flashing.
- If there is no activity for 90 seconds, the player will switch off automatically to save energy. In that case, settings like DBB, Program end ESP will be lost.

Volume and Bass Adjustment

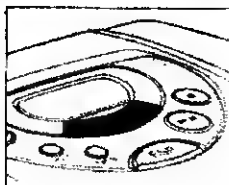
- Adjust the volume by using VOL ►.
- Press DBB to switch the bass enhancement on or off.
→ **DBB** is shown if the bass enhancement is activated.



Programming a track and searching

Selecting a track during playback

- Briefly press **◀** or **▶** once or several times to skip to the current, previous or subsequent track start.
→ Playback continues with the selected track and its number is displayed.



Selecting a track when playback is stopped

- Briefly press **◀** or **▶** once or several times.
→ The selected track number is displayed.

- Press **▶||** to start CD play.
→ Playback starts with the selected track.

Searching for a passage during playback

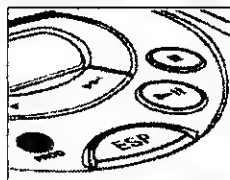
- Keep **◀** or **▶** depressed to find a particular passage in a backward or forward search.
→ Searching is started and playback continues at a low volume. After 2 seconds the search speeds up.
- Release the button when you reach the desired passage.
→ Normal playback continues from this very position.

Notes: – During SCAN, searching is not possible.

– During SHUFFLE, SHUFFLE REPEAT ALL, REPEAT or while playing a program searching is possible only within the particular track.

Programming track numbers

You can select up to 99 tracks and store them in the memory in a desired sequence. You can store any track more than once.



- While playback is stopped, select a track with **◀** or **▶**.
 - Press **PROG** to store the track.
→ **PROGRAM** lights up, the track number programmed and **P** with the total number of stored tracks are displayed.
 - Select and store all desired tracks in this way.
 - Press **▶||** to start playback of your selected tracks.
→ **PROGRAM** is shown and playback starts.
- You can review the program by depressing **PROG** for more than 2 seconds.
→ The display shows all stored tracks in sequence.



Notes: – If you press PROG and there is no track selected, SELECT is displayed.
– If you try to store more than 99 tracks, FULL is displayed.

Erasing the program

- If necessary, press **■** to stop playback.
- Press **■** to erase the program.
→ **CLER** is displayed once, **PROGRAM** disappears, and the program is erased.



Notes: The program will also be erased if you
– interrupt the power supply,
– open the CD lid, or
– the player is switched off automatically.

Storing the last position played - RESUME

You can store the last position played. When restarting, playback continues from where you have stopped.

- 1 Switch the slider to RESUME during playback to activate RESUME.

→ RESUME is shown.

- 2 Press  whenever you want to stop playback.

- 3 Press  whenever you want to resume playback.

→ RESUME is shown and playback continues from where you have stopped.

- To deactivate RESUME, switch the slider to OFF.

→ RESUME goes off.





Locking all buttons - HOLD

You can lock the buttons of the player. When a key is pressed, no action will be executed then.

- 1 Switch the slider to HOLD to activate HOLD.

→ All buttons are locked.

HOLD is displayed by pressing any key. If the player is switched off, HOLD is displayed only by pressing  and .

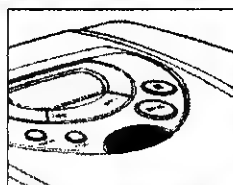
- 2 To deactivate HOLD, switch the slider to OFF.



Note: When you deactivate HOLD by switching the slider to RESUME and restart, playback continues from where you have stopped.

Electronic Skip Protection - ESP

With a conventional portable CD player, you might have experienced that the music stopped when you were jogging, for example. The **ELECTRONIC SKIP PROTECTION** protects against loss of sound caused by vibrations and shocks. Continuous playback is ensured. However it does not protect the player against any **damage caused by dropping!**



- Press ESP during playback to activate the skip protection.

→  is shown and the protection is activated.

- To deactivate the skip protection, press ESP again.

→  goes off and the protection is deactivated.



Acoustic Feedback

The player is equipped with a feature that accompanies various key operations with an acoustic signal.

- Keep DBB depressed for more than 3 seconds.

If the acoustic signal was deactivated:

→ **bEEP** is displayed and the acoustic signal is activated.

If the acoustic signal was activated:

→ **no bEEP** is displayed and the acoustic signal is deactivated.

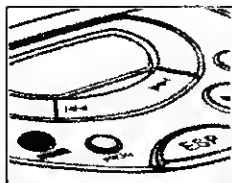


FEATURES

Selecting different playing parameters

It is possible to play tracks in random order, to repeat a track or the CD end to play the first few seconds of each track.

- Press MODE during playback as often as necessary until the display shows either:
 - ➔ **SHUFFLE**: All tracks of the CD are played in random order until all of them have been played once.
 - ➔ **SHUFFLE REPEAT ALL**: All tracks of the CD are played repeatedly in random order.
 - ➔ **REPEAT**: The current track is played repeatedly.
 - ➔ **REPEAT ALL**: The entire CD is played repeatedly.
 - ➔ **SCRR**: The first 10 seconds of each of the remaining tracks are played in sequence.



- Playback starts in the chosen mode after 2 seconds.
- To return to normal playback, press MODE until the display indication disappears.

Remote control (supplied or optionally available)

Use the AY 3764 corded remote control. The buttons on the remote control have the same functions as the corresponding buttons on the CD player.

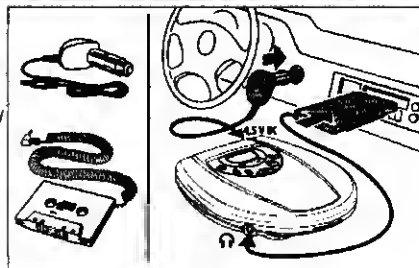
- If necessary, press once or twice until the player is switched off.
- Firmly connect the remote control to and the headphones firmly to the remote control's socket.
- Turn the volume down using VOL on the remote control and set VOL on the CD player to position 8.

IN-CAR CONNECTION

Power 455 (connection supplied or optionally available)

Only use the AY 3545 car voltage converter (4.5V, DC, positive pole to the center pin) and the AY 3501 car adapter cassette. Any other product may damage the player.

- Put the CD player on a horizontal, vibration-free and stable surface. Make sure it is a safe place, where the player is no danger or obstacle to the driver and passengers.
 - Connect the DC plug of the voltage converter to the 4.5V DC socket of the CD player (**only for a 12V car battery, negative grounding**).
 - Insert the voltage converter into the cigarette lighter socket. If necessary, clean the cigarette lighter socket to obtain a good electrical contact.
 - Turn down the volume and connect the adapter cassette plug to the socket of the CD player.
 - Carefully insert the adapter cassette into the car radio's cassette compartment.
 - Make sure the cord does not hinder your driving.
 - Start the CD player, set VOL to position 8 and adjust the sound with the car radio controls.
- Always remove the voltage converter from the cigarette lighter socket when the CD player is not in use.



Notes: – Avoid excessive heat from the car heating or from direct sunlight (e.g. in a parked car in the summer).

– If your car radio has a LINE IN jack, it is the best to use it for the car radio connection instead of the adapter cassette. Connect the signal lead to this LINE IN jack and the jack of the CD player.

PROBLEM SOLVING

WARNING When using the car stereo, make sure the car is parked and the engine is running. Do not use the car stereo while driving. The car stereo should not be used while the car is in motion. The car stereo should not be used while the car is in motion. The car stereo should not be used while the car is in motion.

Problem	Possible cause	Solution
No power, playback does not start	Batteries	
	Batteries inserted incorrectly	Insert the batteries correctly
	Batteries are empty	Change the batteries
	Contact pins are dirty	Clean them with a cloth
	Power adapter	
	Loose connection	Connect the adapter securely
	In-car use	
	Cigarette lighter is not powered when ignition is off	Switch on ignition or insert batteries
no disc indication	CD-RW (CD-R) is not recorded properly	Use FINALIZE on the CD Recorder to complete the recording
no disc indication	The CD is scratched badly or dirty	Replace or clean the CD
	CD is not or incorrectly inserted	Insert a CD, label upwards
	The laser lens is steamed up	Wait until the lens has cleared
HOLD indication and/or no reaction to controls	HOLD is activated	Deactivate HOLD
	Electrostatic discharge	Disconnect the player from power supply or take out the batteries for a few seconds

PROBLEM SOLVING

If a fault occurs, first check the points listed below before taking the player for repair. If you are unable to solve a problem by following these hints, consult your dealer or service center.

Problem	Possible cause	Solution
The CD skips tracks	The CD is damaged or dirty	Replace or clean the CD
	RESUME, SHUFFLE or PROGRAM is active	Switch off RESUME, SHUFFLE or PROGRAM
No sound or bad sound quality	PAUSE is activated	Press ►II
	Loose, wrong or dirty connections	Check and clean connections
	Volume is not adjusted	Adjust the volume
	Headphones worn the wrong way	Pay attention to the L (left) and R (right) indications
	Strong magnetic fields near the CD player	Change the player's position or connections
	In-car use	
	Adapter cassette is inserted incorrectly	Insert the adapter cassette correctly
	Temperature inside the car is too high/low	Let the CD player adjust to the temperature
	Cigarette lighter socket is dirty	Clean the cigarette lighter socket
	Wrong playback direction of the car cassette player's autoreverse feature	Change the autoreverse direction
Battery recharging on board does not work	Use of wrong batteries	Only use the Ni-Cd battery pack AY 3361
	Contacts are dirty	Clean them with a cloth

LIMITED WARRANTY

PORTABLE COMPACT DISC

One Year Free Exchange

This product must be carried in for an exchange.

WHO IS COVERED?

You must have proof of purchase to exchange the product. A sales receipt or other document showing that you purchased the product is considered proof of purchase. Attach it to this owner's manual and keep both nearby.

WHAT IS COVERED?

Warranty coverage begins the day you buy your product. For one year thereafter, a defective or inoperative product will be replaced with a new, renewed or comparable product at no charge to you. A replacement product is covered only for the original warranty period. When the warranty on the original product expires, the warranty on the replacement product also expires.

WHAT IS EXCLUDED?

Your warranty does not cover:

- labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
- product repair and/or part replacement because of misuse, accident, unauthorized repair or other cause not within the control of Philips Consumer Electronics Company.
- reception problems caused by signal conditions or cable or antenna systems outside the unit.
- a product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- incidental or consequential damages resulting from the product. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, prerecorded material, whether copyrighted or not copyrighted.)
- a product that is used for commercial or institutional purposes.

WHERE IS EXCHANGE AVAILABLE?

You may exchange the product in all countries where the product is officially distributed by Philips Consumer Electronics Company. In countries where Philips Consumer Electronics Company does not distribute the product, the local Philips service organization will attempt to provide a replacement product (although there may be a delay if the appropriate product is not readily available).

BEFORE REQUESTING EXCHANGE...

Please check your owner's manual before requesting an exchange. Adjustments of the controls discussed there may save you a trip.

Philips Service Solutions Group, P.O. Box 555,
Jefferson City, Tennessee 37760, (423) 475-8869

EXCHANGING A PRODUCT IN U.S.A., PUERTO RICO OR U.S. VIRGIN ISLANDS...

...contact your dealer to arrange an exchange. Or, ship the product, insured and freight prepaid, and with proof of purchase enclosed, to the address listed below.

Small Product Service Center

Philips Service Company

907 Snippe Ferry Road, Plant 2, Building 6

Greeneville, TN 37743

(In U.S.A., Puerto Rico and U.S. Virgin Islands, all implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this express warranty. But, because some states do not allow limitations on how long an implied warranty may last, this limitation may not apply to you.)

EXCHANGING A PRODUCT IN CANADA...

Please contact Philips at:

1-800-661-6162 (French Speaking)

1-800-363-7278 (English Speaking)

(In Canada, this warranty is given in lieu of all other warranties. No other warranties are expressed or implied, including any implied warranties of merchantability or fitness for a particular purpose. Philips is not liable under any circumstances for any direct, indirect, special, incidental or consequential damages, howsoever incurred, even if notified of the possibility of such damages.)

TO GET OUT-OF-WARRANTY EXCHANGE...

In U.S.A., Puerto Rico or U.S. Virgin Islands, contact Philips Service Company at (800) 851-8885 to obtain the cost of out-of-warranty exchange. Then carefully pack the product and ship it to the Small Product Service Center (address listed above). In Canada, call the phone number listed above under "Exchanging a Product in Canada" to obtain the cost of out-of-warranty exchange.

REMEMBER...

Please record the model and serial numbers found on the product below. Also, please fill out and mail your warranty registration card promptly. It will be easier for us to notify you if necessary.

MODEL # _____

SERIAL # _____